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U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 16459-013001

Application No. 10/735,498

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Applicant Alexei A. Erchak

Filing Date
December 12, 2003

Group Art Unit 2811

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WSZ	AA	5,132,751	July 21, 1992	Shibata, et al.			
	AB						
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	AL							
	AM							
	AN							
	AO							
	AP							

(Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
WIL	AQ	A. Köck et al., "Novel surface emitting GaAs/AlGaAs laser diodes based on surface mode emission," Appl. Phys. Lett. 63 (9), 30 August 1993, pages 1164-1166
WSZ	AR	A. Köck et al., "Strongly directional emission from AlGaAs/GaAs light-emitting diodes," Appl. Phys. Lett. 57 (22), 26 November 1990, pages 2327-2329
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EXAMINER: Initials ditation considered. Draw line through ditation if not in conformance and not considered. Include copy of this form with					
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Substitute Disclosure Form (PTO-1449)

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U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 16459-013001

Application No. 10/735,498

Information Disclosure Statement by Applicant

Alexei A. Erchak

Applicant

(Use several sheets if necessary)

Filing Date December 12, 2003 Group Art Unit 2811

(37 CFR §1.98(b))

U.S. Patent Documents Filing Date Desig. Examiner Document **Publication Date Subclass** If Appropriate Initial ID Number Patentee Class WSL AA 5,126,231 June 30, 1992 Levy August 17, 2004 AB 6,778,746 Charlton, et al. AC 6,742,907 June 1, 2004 Funamoto, et al. Young, Jung Gun AD 2004/0110856 June 10, 2004 et al. AE 2004/0144985 July 29, 2004 Zhang, Zhibo, et al. October 21, 2004 Erchak et al. AF 2004/0207310 Erchak et al. 2004/0207319 October 21, 2004 AG Erchak et al. 2004/0207323 October 21, 2004 AH 2004-0206962 October 21, 2004 Erchak et al. ΑI AJ 2004-0206971 October 21, 2004 Erchak et al. October 21, 2004 Erchak AK 2004-0207320 December 23, 2004-0259279 Erchak et al. ΑL 2004 December 23, 2004-0259285 Erchak et al. AM 2004 Erchak et al. 2005/0051785 March 10, 2005 AN Erchak et al. AO 2005/0051787 March 10, 2005 2005/0087757 April 28, 2005 Erchak et al. AP Erchak et al. AQ 2005-0040424 February 24, 2005 Erchak et al. AR 2005-0059178 March 17, 2005 March 17, 2005 Erchak et al. AS 2005-0059179 2005-0127375 June 16, 2005 Erchak et al. AT ΑU 3,293,513 August 8, 1962 J.R. Biard et al. November 25, Kaiser ΑV 3,922,706 1975 September 5, Gaw et al. AW 4,864,370 1989 AX 5,126,231 June 30, 1992 Levy 06/06/00 Cheung et al. AY 6,071,795 AZ 6,778,746 Charlton, et al. August 17, 2004

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	ets if necessary)	Filing Date December 12, 2003	Group Art Unit 2811	

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U4_	AAA	6,849,558	February 1, 2005	Schaper			
	ABB	6,307,218	October 23, 2001	Steigerwald et al.			
V	ACC	5,600,483	February, 1997	Fan et al.			

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Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
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	AEE							
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U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 16459-013001

Application No. 10/735,498

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Alexei A. Erchak

Applicant

(37 CFR §1.98(b))

Filing Date **Group Art Unit** December 12, 2003 2811

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WSL	AA	6,831,302	12/14/04	Erchack et al.			
1	AB	6,504,180	1/7/03	Heremans, et al.			
	AC	6,690,268	2/10,/04	Schofield, et al.			
	AD	6,642,618	11/4/03	Yagi, et al.			
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/	AZ	6,740,906	5/25/04	Slater, Jr., et al.			
V	AAA	6,791,119	9/14/04	Slater, Jr., et al.			

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Substitute Disclosure Form (PTO-1449)

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	closure Statement	Applicant Alexei A. Erchak		
(Use several sheets if necessary)		Filing Date December 12, 2003	Group Art Unit 2811	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
USL	ABB	6,794,684	9/21/04	Slater, Jr., et al.				
1	ACC	6,825,502	11/30/04	Okazaki, et al.				
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V	AEE	2005-0019971	1/27/05	Slater, David B. Jr.				

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Examiner	Desig.	Document	Publication	Country or			Translation	
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NEL	AFF	02/071450 A2		wo				
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	Other D	ocuments (include Author, Title, Date, and Place of Publication)
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USZ	AKK	Wendt et al. "Nanofabrication of photonic lattice structures in GaAs/AlGaAs," J. Vac. Sci. Technol. B 11 (6), Nov/Dec 1993, pages 2637-2640
usu	ALL	Gourley et al. "Optical properties of two-dimensional photonic lattices fabricated as honeycomb nanostructures in compound semiconductors," Appl. Phys. Lett. 64 (6), 7 February 1994, pages 687-689
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Substitute Form PTO-1449 (Medified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 16459-013001	Application No. 10/735,498	
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			U.S. Patent D	ocuments			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WEL	AA	5,834,331	November 10, 1998	Razeghi		,	
	AB	6,426,515	July 30, 2002	Ishikawa			
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V	AD	6,091,085	July 18, 2000	Lester			
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Attorney's Docket No.: 16459-013001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alexei A. Erchak Art Unit: 2811
Serial No.: 10/735,498 Examiner: Unknown

Filed: December 12, 2003

Title : LIGHT EMITTING SYSTEMS

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. Applicants also bring to the Examiner's attention the below listed 14 pending U.S. utility patent applications that are owned by the Assignee of the above-noted patent application.

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^	Document Number	Patentee	Filing Date
	10/724,004	Alexei A. Erchak et al	11/26/03
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P₁O. Box 1450, Alexandria, VA 22313-1450.

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Irja Zarembok

Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademad Office		Application No. 10/735,498
	closure Statement	Applicant Alexei A. Erchak	
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	Other Documents (include Author, Title, Date, and Place of Publication)			
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Initial	ID_	Document		
WSL	AV	M.K. Kelly et al. "Optical process for liftoff of Group III-nitride films", Physica Status Solidi; Rapid Research Note, November 28, 1996, 2 pages.		
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